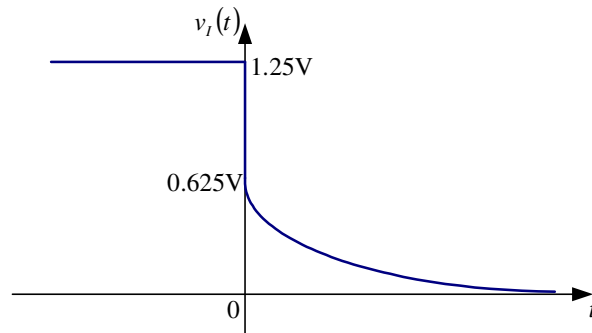


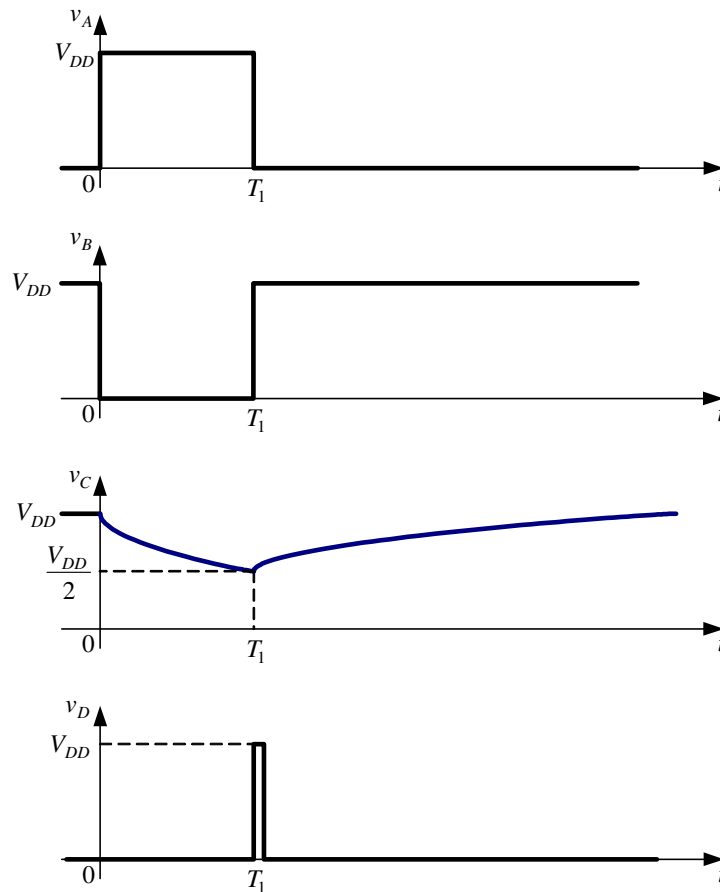
REŠENJA ZADATAKA

2.

$$v_I(t) = \begin{cases} 1.25\text{V} = \text{const}, & \text{za } t < 0 \\ 0.625\text{V} \cdot e^{-\frac{t}{100\mu\text{s}}}, & \text{za } t > 0 \end{cases}$$



4. $v_C(t) = 5\text{V} \cdot e^{-100t}$, za $0 < t < T_1$,
 $v_C(t) = 5\text{V} - 2,5\text{V} \cdot e^{-100(t-T_1)}$, za $t > T_1$.
 $T_1 = 0,01 \ln 2 = 6,93\text{ms}$.



6. $R_D = 10\text{k}\Omega$, $R_0 = 76\text{k}\Omega$, $R_1 = 33\text{k}\Omega$, $R_2 = 10.5\text{k}\Omega$, $R_3 = 750\Omega$.